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December 2000



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Preface

This is the twenty-seventh "Annual Report of Immunization Status" published by the Texas Department of Health in cooperation with the Texas Education Agency. Complete immunization information on 3,958,003 students enrolled in 1,117 public school districts is included.

Statewide immunization levels are 97 percent or higher for all vaccine categories in applicable age groups except for hepatitis B. A requirement for hepatitis B vaccine was implemented during the school year 1998-1999 for children entering kindergarten.. In the first year, 90 percent of affected students were in compliance with this requirement. These high levels are evidence of the commendable effort of school nurses, administrators, and health care providers in maintaining strict immunization requirements.

We are proud of the immunization levels in Texas schools. While immunization levels in the preschool population have improved considerably in recent years, our goal is to have a 90 percent immunization rate for the state's two-year-old children by the year 2005. As a leader in your community, please help increase immunization levels in the preschool population. If you have any questions, please contact Cindy Banister, Acting Director, Immunization Division, (512) 458-7284.

I am pleased to present this publication of statistical data for your information and use.

Sincerely,

Linda S. Linville, M.S., R.N., Chief

Bureau of Immunization and Pharmacy Support

Table 1:
Comparison of Reported Percentages of Students Completely Immunized
and
Reported Cases of Vaccine-Preventable Diseases in Texas,
1971, 1979, and 1998

1971*		1979**		1998	
Percent Completely Immunized	Number of Cases of Disease	Percent Completely Immunized	Number of Cases of Disease	Percent Completely Immunized	Number of Cases of Disease
DTP/Td 79	Diphtheria 56	DTP/Td 98	Diphtheria 0	DTP/Td 99	Diphtheria 0
	Tetanus 10		Tetanus 17		Tetanus 4
	Pertussis 282		Pertussis 104		Pertussis 287
Polio 74	Polio 4	Polio 98	Polio 0	Polio 99	Polio 0
Measles 79	Measles 9,585	Measles 99	Measles 670	Measles1 99	Measles 0
				Measles2 99	
Rubella 78	Rubella 4,414	Rubella 99	Rubella 212	Rubella 99	Rubella 89
Mumps n/a	Mumps 9,231	Mumps 96	Mumps 908	Mumps 99	Mumps 42
				Hib 97	H Flu infection 3

* First year of school immunization law

** First year mumps vaccine required

Table 2: Total Number of Enrolled Students and Incompletely Immunized Students in Texas Public Schools by Vaccine Category and Selected Age Groups, 1998-1999									
				Reported Reasons for Noncompletion					
				Incomplete Series		Medical Exemptions	Religious Exemptions	Provisional Enrollment	Delinquent
Vaccine Category	Required Ages	School Population	Number Incompletely Immunized	Age 4 & Under	Age 5 & Over				
DTP/DT	All	3,958,219	55,879	4,105	15,852	1,959	2,164	5,546	26,253
Polio	17 & under	3,868,438	33,920	2,754	9,286	1,388	2,064	4,926	13,502
Measles1	All	3,958,219	18,139			1,260	1,980	5,706	9,193
Measles2	5 & born ≥ 9/2/91 12-17 years*	2,453,873	31,193		6,614	1,959	1,520	4,250	16,850
Rubella	All	3,958,219	18,539			1,287	2,069	5,797	9,386
Mumps	All	3,958,219	18,108			1,291	2,089	5,202	9,526
Hib	4 & under	117,533	3,772	769		82	112	528	2,281

*Reflects students who turned 12 after September 1, 1990.

Table 2 shows the reasons reported for incompletely immunized students. Because students may lack more than one vaccine or may be exempt from more than one vaccine category, the actual number of incompletely immunized students may not equal the sum of the reported reasons for non-completion. Although incompletely immunized students may not represent a major threat to public health in Texas, each school district must continue to adhere to the law and maintain high immunization levels because localized outbreaks of disease still occur.

Students may be exempt from immunization requirements for medical or religious reasons or while serving on active duty with the armed forces of the United States. Appropriate documentation of exemptions must be kept on file by the school district. A student may be provisionally enrolled when immunizations are not complete, provided that he/she has at least begun the required immunizations and continues to receive vaccinations as rapidly as medically feasible. School personnel are responsible for monitoring these students until they have met the immunization requirements specified in the rules and regulations. School districts may allow a period of no more than 30 days provisional enrollment while awaiting the transfer of records. A student in this category must be monitored to ensure the district remains in compliance with state law.

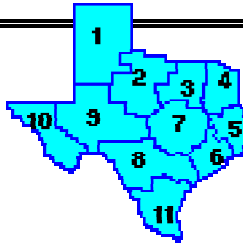


Table 3:

**Completely Immunized Student Population,
by Public Health Region in Texas, 1998-1999**

Public Health Region	Total Students Enrolled	Students Under Age 18	Students Under Age 5	Number and Percent* of Students Completely Immunized							
				DTP/TD	POLIO	MEASLES 1	MEASLES 2	RUBELLA	MUMPS	HIB	HEP B
				Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	154,049	150,589	4,438	152,447	149,680	153,338	95,198	153,557	153,559	4,370	10,215
				99%	99%	99+%	99%	99+%	99+%	98%	89%
2	104,476	102,081	2,773	103,595	101,604	104,268	65,573	104,251	104,250	2,722	6,684
				99%	99+%	99+%	99%	99+%	99+%	98%	87%
3	959,531	943,363	22,548	946,693	934,569	954,739	578,104	954,659	954,655	5,002	68,849
				99%	99%	99+%	99%	99%	99%	99%	92%
4	180,820	176,218	5,077	178,536	174,826	180,168	115,620	180,028	180,029	4,717	12,780
				99%	99%	99+%	99%	99+%	99+%	99%	91%
5	139,169	135,480	4,778	137,437	134,693	138,844	89,847	138,783	138,782	27,295	10,334
				99%	99%	99+%	99%	99+%	99+%	97%	88%
6	923,703	898,962	28,078	913,327	892,695	921,159	559,394	921,090	921,482	8,855	71,710
				99%	99%	99+%	99%	99+%	99+%	86%	90%
7	388,318	380,181	10,282	371,787	370,574	381,930	233,279	381,996	381,996	11,459	26,904
				96%	97%	98%	96%	98%	98%	99%	83%
8	405,971	396,966	11,633	402,599	394,804	404,819	249,384	404,662	404,660	4,500	28,049
				99%	99%	99+%	99%	99+%	99+%	99%	86%
9	140,912	138,874	4,563	138,893	138,154	140,502	85,498	140,482	140,482	5,720	10,792
				99%	99%	99+%	99%	99+%	99+%	96%	89%
10	159,503	155,719	5,934	157,719	154,498	159,028	101,685	158,952	158,958	17,277	15,649
				99%	99%	99+%	99%	99+%	99+%	99%	95%
11	401,757	390,005	17,429	399,307	388,421	401,285	249,098	401,254	401,258	113,761	33,062
				99%	99+%	99+%	99+%	99+%	99+%	97%	95%
State Totals	3,958,219	3,868,438	117,533	3,902,340	3,834,518	3,940,080	2,422,680	3,939,680	3,940,111	113,761	295,028
				99%	99%	99+%	99%	99+%	99+%	97%	90%

* All percentages are rounded up or down to the nearest number. For example, 97.4% is rounded down to 97% while 97.6% is rounded up to 98%. However, all percentages equal to or greater than 99.5% and less than 100% are designated as 99+%.

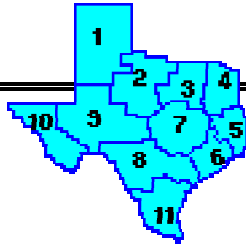


Table 4:
Incompletely Immunized Student Population,
by Public Health Region in Texas, 1998-1999

Public Health Region	Total Students Enrolled	Students Under Age 18	Students Under Age 5	Number and Percent* of Students Completely Immunized							
				DTP/TD	POLIO	MEASLES 1	MEASLES 2	RUBELLA	MUMPS	HIB	HEP B
				Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1	154,049	150,589	4,438	1,612 1%	909 1%	721 0%	1,281 1%	502 0%	500 0%	68 2%	1,326 11%
2	104,476	102,081	2,773	881 1%	477 0%	208 0%	627 1%	225 0%	226 0%	51 2%	957 13%
3	959,531	943,363	22,548	12,838 1%	8,794 1%	4,792 0%	6,179 1%	4,872 1%	4,876 1%	704 3%	6,066 8%
4	180,820	176,218	5,077	2,284 1%	1,392 1%	652 0%	1,566 1%	792 0%	791 0%	75 1%	1,214 9%
5	139,169	135,480	4,778	1,732 1%	787 1%	325 0%	789 1%	386 0%	387 0%	61 1%	1,366 12%
6	923,703	898,962	28,078	10,376 1%	6,267 1%	2,544 0%	4,828 1%	2,613 0%	2,221 0%	783 3%	8,098 10%
7	388,318	380,181	10,282	16,531 4%	9,607 3%	6,388 2%	10,013 4%	6,356 2%	6,322 2%	1,427 14%	5,393 17%
8	405,971	396,966	11,633	3,372 1%	2,162 1%	1,152 0%	2,369 1%	1,309 0%	1,311 0%	174 1%	4,584 14%
9	140,912	138,874	4,563	2,019 1%	720 1%	410 0%	1,294 1%	430 0%	430 0%	63 1%	1,277 11%
10	159,503	155,719	5,934	1,784 1%	1,221 1%	475 0%	1,068 1%	551 0%	545 0%	214 4%	848 5%
11	401,757	390,005	17,429	2,450 1%	1,584 0%	472 0%	1,179 0%	503 0%	499 0%	152 1%	1,857 5%
State Totals	3,958,219	3,868,438	117,533	55,879 1%	33,920 1%	18,139 0%	31,193 1%	18,539 0%	18,108 0%	3,772 3%	32,986 10%

* All percentages are rounded up or down to the nearest number. For example, 1.4% is rounded down to 1% while 1.6% is rounded up to 2%.